PROGRAM: **Carpentry Technologies**

PROGRAM   **46.0200**
CIP CODE:

DESCRIPTION: **The Carpentry Technologies program prepares students to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards. The program is comprised of a core curriculum and two options: Option A (Carpentry) and Option B (Cabinetmaking).**

RECOMMENDED PROGRAM SEQUENCE OF COURSES:

Career   **The following describes the recommended courses developed**
Preparation   **from industry-validated skills necessary for initial employment**
Grades   **or continued related education.**
11-12

      46.0200.10   Carpentry Technologies Core Curriculum: Course description is under development.

      -and-

At least one option must be included as part of the instructional sequence for this program:

Option A
46.0200.20   Carpentry Technology I: Course description is under development.

      -and-

46.0200.25   Carpentry Technology II: Course description is under development.

      -or-

Option B
46.0200.30   Cabinetmaking I: This course prepares students to apply technical knowledge and skills to set up, operate and repair industrial cabinetmaking machinery and to use such machinery to design and fabricate wooden components and complete articles.

-and-

46.0200.35   Cabinetmaking II: This course prepares students for advanced technical knowledge and skills using a variety of cabinetmaking techniques and equipment.

And program may elect to add:

46.0200.75   Carpentry Technologies - Internship: This course provides CTE students an opportunity to engage in learning through participation in a structured work experience that can either be paid or unpaid and does not necessarily require classroom instruction that involves the application of previously developed Carpentry Technologies knowledge and skills.

-or-

46.0200.80   Carpentry Technologies - Cooperative Education: This course utilizes cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Carpentry Technologies program.

TEACHER CERTIFICATION REQUIREMENTS FOR THE CARPENTRY TECHNOLOGIES PROGRAM		
CAREER PREPARATION: The instructor must be CTE certified according to the following table		
		CERTIFICATES
Carpentry Technologies	**Types:** (To Be Determined) **Approved Areas:** (To Be Determined)	**Types: (To Be Determined)** (To Be Determined)
Note: ▪ **Carpentry Technologies 46.0200.70 may be a part of the sequence and the teacher must hold a Cooperative Education Endorsement (CEN).** ▪ **Teacher/Coordinator 46.0200.75 is required to have a Cooperative Education Endorsement (CEN).** ▪ **Teacher/Coordinator 46.0200.80 is required to have a Cooperative Education Endorsement (CEN).**		

CERTIFICATE ABBREVIATIONS FOR THE CARPENTRY TECHNOLOGIES PROGRAM	
Certificate Types	**Approved Areas List**
(To Be Determined)	**(To Be Determined)**